

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT****Complete if Known**

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| Application No. | 10/550,331 |
| Filing Date | February 22, 2007 |
| First Named Inventor | Adrienne S. Gordon |
| Group Art Unit | 1628 |
| Examiner Name | Jean P. Cornet |
| Attorney Docket Number | 27432-16428 |

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| Sheet | 1 | of | 11 |
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U.S. PATENT DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Document No. Number – Kind Code ² (if known) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document |
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FOREIGN PATENT DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Foreign Patent Document Country Code ³ – Number ⁴ Kind Code ⁵ (if known) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | T ⁶ |
|--------------------|-----------------------|---|--------------------------------|--|----------------|
| | B1 | WO 1998/04921 | 02-05-1998 | Gallo Clinic and Research Center | |
| | B2 | WO 2000/068661 | 11-16-2000 | Gordon et al. | |
| | B3 | EP 0 431 758 A2 | 06-12-1991 | Diamond et al. | |
| | B4 | EP 0 331 361 A1 | 09-06-1989 | Diamond et al. | |

OTHER REFERENCES – NON-PATENT LITERATURE DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published | T ⁶ |
|--------------------|-----------------------|--|----------------|
| | C1 | ACQUAS, E. et al., "Differential Effects of Caffeine on Dopamine and Acetylcholine Transmission in Brain Areas of Drug Naïve and Caffeine-Pretreated Rats," <i>Neuropsychopharmacology</i> , 2002, Volume 27, No. 2, pp. 182-193. | |
| | C2 | AMERICAN PSYCHIATRIC ASSOCIATION, "Substance-Related Disorders," <i>Diagnostic and Statistical Manual of Mental Disorders</i> , 1994, pp. 175-191, 4th Edition, Washington, DC. | |
| | C3 | APPEL, S. et al., "Ethanol Excitation of Dopaminergic Ventral Tegmental Area Neurons is Blocked by Quinidine," <i>J Pharmacology and Experimental Therapeutics</i> , 2003, Volume 306, No. 2, pp. 437-446. | |
| | C4 | AROLFO, M. et al., "Ethanol Operant Self-Administration in Rats is Regulated by Adenosine A ₂ Receptors." <i>Alcohol. Clin. Exp. Res.</i> , September 2004, Volume 28, No. 9, pp. 1308-1316. | |
| | C5 | BAKER, L. et al., "Regulation and Immunohistochemical Localization of $\beta\gamma$ -Stimulated Adenylyl Cyclases in Mouse Hippocampus," <i>Journal of Neuroscience</i> , January 1, 1999, Volume 19, No. 1, pp. 180-192. | |
| | C6 | BARRACO, R.A. et al., "Adenosine A _{2A} receptors in the Nucleus Accumbens Mediate Locomotor Depression," <i>Brain Research Bulletin</i> , 1993, Volume 31, pp. 397-404. | |

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| | C7 | BARWICK, V.S. et al., "Adenosinergic Modulation of Ethanol-Induced Motor Incoordination in the Rat Motor Cortex," <i>Prog Neuro-Psychopharmacol & Biol Psychiat.</i> , 1998, Volume 22, pp. 587-601. | |
| | C8 | BERL, S. et al., "The Turnover of Glutamate, Glutamine, Aspartate and GABA Labeled with [1- ¹⁴ C] Acetate in Caudate Nucleus, Thalamus and Motor Cortex (CAT)," <i>Brain Research</i> , 1969, Volume 12, pp. 444-455. | |
| | C9 | BERRENDERO, F. et al., "Increase of Morphine Withdrawal in Mice Lacking A _{2a} Receptors and No Changes in CB ₁ /A _{2a} Double Knockout Mice," <i>Eur. J. Neurosci.</i> , January 2003, Volume 17, No. 2, pp. 315-324. | |
| | C10 | CAMPISI, P. et al., "Role of Adenosine in the Ethanol-Induced Potentiation of the effects of General Anesthetics in Rats," <i>Eur J. Pharmacol</i> , 1997, Volume 325, pp. 165-172. | |
| | C11 | CARLEZON, W. et al., "Regulation of Cocaine Reward by CREB," <i>Science</i> , 1998, Volume 282, pp. 2272-2275. | |
| | C12 | CARMICHAEL, F. et al., "Blood Acetaldehyde and the Ethanol-Induced Increase in Splanchnic Circulation," <i>Biochem Pharmacol</i> , 1987, Volume 36, No. 16, pp. 2673-2678. | |
| | C13 | CARMICHAEL, F. et al. "Central Nervous System Effects of Acetate: Contribution to the Central Effects of Ethanol," <i>J. Pharm Exp Ther</i> , 1991, Volume 259, No. 1, pp. 403-408. | |
| | C14 | CARMICHAEL, F. et al., "Ethanol-Induced Increase in Portal Blood Flow: Role of Acetate and A ₁ - and A ₂ – Adenosine Receptors," <i>Amer J Physiol</i> , 1988, Volume 255, pp. G417-G423. | |
| | C15 | CHAKRABARTI, S. et al., "Chronic Morphine Augments G _{βγ} /G _{αi} Stimulation of Adenylyl Cyclase: Relevance to Opioid Tolerance," <i>Molecular Pharmacology</i> , 1998, Volume 54, pp. 655-662. | |
| | C16 | CHARNESS, M. et al., "Ethanol Increases Delta-Opioid Receptor Gene Expression in Nueronal Cell Lines," <i>Molecular Pharmacology</i> , October 1993, Volume 44, No. 4, pp. 1119-1127. | |
| | C17 | CHEN, J. et al., "Inactivation of Adenosine A _{2a} Receptors Selectively Attenuates Amphetamine-Induced Behavioral Sensitization," <i>Neuropsychopharmacology</i> , 2003, Volume 28, pp. 1086-1095. | |
| | C18 | CHEN, J. et al., "A Region of Adenylyl Cyclase 2 Critical for Regulation by G Protein Beta Gamma Subunits," <i>Science</i> , April 7, 1995, Volume 268, Issue 5214, pp. 1166-1169. | |
| | C19 | CHEN, J. et al., "Transgenic Animals with Inducible, Targeted Gene Expression in Brain," <i>Molecular Pharmacology</i> , 1998, Volume 54, pp. 495-503. | |
| | C20 | COE, I. et al., "The Role of Protein Kinase C in Cellular Tolerance to Ethanol," <i>J. Biol. Chem.</i> , 1996, Volume 271, No. 46, pp. 29468-29472. | |
| | C21 | COHEN, C. et al., "Preferential Involvement of D ₃ Versus D ₂ Dopamine Receptors in the Effects of Dopamine Receptor Ligands on Oral Ethanol Self-Administration in Rats," <i>Psychopharmacol</i> , 1998, Volume 140, pp. 478-485. | |
| | C22 | COLOMBO, G. et al., "Reduction of Voluntary Ethanol Untake in Ethanol-preferring sP Rats by the Cannabinoid Antagonist SR-141716," <i>Alcohol & Alcoholism</i> , 1998, Volume 33, No. 2, pp. 126-130 | |

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|--------------------|-----------------------|---|----------------|
| | C23 | CORNFORD, E. et al., "Independent Blood-Brain Barrier Transport Systems for Nucleic Acid Precursors." <i>Biochem Biophys Acta</i> , 1975, Volume 394, pp. 211-219. | |
| | C24 | CSUKAI, M. et al., "The Coatamer Protein β' – COP, a Selective Binding Protein (RACK) for Protein Kinase C," <i>J. Biol. Chem.</i> , 1997, Volume 272, No. 46, pp. 29200-29206. | |
| | C25 | CUNHA, R. et al., "G Protein coupling of CGS 21680 Binding Sites in the Rat Hippocampus and Cortex is Different from that of Adenosine A ₁ and Striatal A _{2A} Receptors," <i>Naunyn-Schmiedeberg's Arch Pharmacol</i> , 1999, Volume 359, pp. 295-302. | |
| | C26 | CUNNINGHAM, C. et al., "Animal Models of Alcohol's Motivational Effects," <i>Alcohol Res Health</i> , 2000, Volume 24, No. 2, pp. 85-92. | |
| | C27 | CZACHOWSKI, C. et al., "Effects of Raclopride in the Nucleus Accumbens on Ethanol Seeking and Consumption," <i>Alcoholism: Clin and Exp Res</i> , October 2001, Volume 25, No. 10, pp. 1431-1440. | |
| | C28 | DAWSON, D., "Consumption Indicators of Alcohol Dependence," <i>Addiction</i> , March 1994, Volume 89, Issue 3, pp. 345-350. | |
| | C29 | DAWSON, D. "Volume of Ethanol Consumption: Effects of Different Approaches to Measurement," <i>Journal of Studies on Alcohol</i> , March 1998, Volume 59, Issue 2, pp. 191-197. | |
| | C30 | DEBRUIJN, C. et al., "The Craving Withdrawal Model for Alcoholism: Towards the DSM-V. Improving the Discriminant Validity of Alcohol Use Disorder Diagnosis," <i>Alcohol & Alcoholism</i> , 2005, Volume 40, No. 4, pp. 314-322. | |
| | C31 | DIAMOND, I. et al., "Cellular and Molecular Neuroscience of Alcoholism," <i>Physiological Reviews</i> , January 1997, Volume 77, No. 1, pp. 1-20. | |
| | C32 | DIAMOND, I. et al., "Neurologic Effects of Alcoholism," <i>West J. Med.</i> , September 1994, Volume 161, No. 3 pp. 279-287. | |
| | C33 | DORHMAN, D.P. et al., "Ethanol Causes Translocation of cAMP-dependent Protein Kinase Catalytic Subunit to the Nucleus," <i>Proc. Natl. Acad. Sci. USA</i> , September 1996, Volume 93, pp. 10217-10221. | |
| | C34 | DORHMAN, D.P. et al., "Ethanol-Induced Translocation of PKA Occurs in Two Phases: Control by Different Molecular Mechanisms," <i>Alcohol Clin Exp Res</i> , March 2002, Volume 26, No. 3, pp. 407-415. | |
| | C35 | DORHMAN, D.P. et al. "The Role of the Neuromodulator Adenosine in Alcohol's Actions. <i>Alcohol Health & Res World</i> , 1997, Volume 21, No. 2, pp. 136-143. | |
| | C36 | DOYON, W. et al., "Dopamine Activity in the Nucleus Accumbens During Consummatory Phases of Oral Ethanol Self-Administration," <i>Alcohol Clin Exp Res</i> , October 2003, Volume 27, No. 10, pp. 1573-1582. | |
| | C37 | EIDE, T. et al., "Molecular Cloning, Chromosomal Localization, and Cell Cycle-Dependent Subcellular Distribution of the A-Kinase Anchoring Protein, AKAP95," <i>Experimental Cell Research</i> , February 1998, Volume 238, No. 2, pp. 305-316. | |

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| | C38 | EL YACOUBI, M. et al., "Absence of the Adenosine A _{2A} Receptor or its Chronic Blockade Decrease Ethanol Withdrawal-Induced Seizures in Mice," <i>Neuropharmacol</i> , 2001, Volume 40, pp. 424-432. | |
| | C39 | EL YACOUBI, M. et al., "SCH 58261 and ZM 241385 Differentially Prevent the Motor Effects of CGS 21680 in Mice: Evidence for a Functional 'Atypical' Adenosine A _{2A} Receptor," <i>Eur J Pharm</i> , 2000, Volume 401, pp. 63-77. | |
| | C40 | European Patent Office Supplementary Partial Search Report, European Patent No. EP 05 761 538, April 28, 2009, five pages. | |
| | C41 | European Patent Office Search Report, European Patent Application No. EP 97934285.4, July 12, 2004, four pages. | |
| | C42 | ERICSON, M. et al. "Voluntary Ethanol Intake in the Rat and the Associated Accumbal Dopamine Overflow Are Blocked by Ventral Tegmental Mecamylamine," <i>Eur. J. Pharm.</i> , 1998, Volume 358, pp. 189-196. | |
| | C43 | FEDERMAN, A. et al., "Hormonal Stimulation of Adenylyl Cyclase through G _i -protein β ^v Subunits," <i>Nature</i> , March 12, 1992, Volume 356, No. 6365, pp. 159-161. | |
| | C44 | FERRE, S., "Adenosine-Dopamine Interactions in the Ventral Striatum. Implications for Treatment of Schizophrenia," <i>Psychopharmacology</i> , 1997, Volume 133, pp. 107-120. | |
| | C45 | FERRE, S. et al. "Adenosine-Dopamine Receptor-Receptor Interactions as an Integrative Mechanism in the Basal Ganglia," <i>Trends in Neurosci</i> , 1997, Volume 20, No. 10, pp. 482-487. | |
| | C46 | FRANCO, R. et al., "Evidence for Adenosine/Dopamine Receptor Interactions: Indications for Heteromerization," <i>Neuropsychopharmacology</i> , 2000, Volume 23, No. 54, pp. S50-S59. | |
| | C47 | FUXE, K. et al., "Integrated Events in Central Dopamine Transmission as Analyzed at Multiple Levels. Evidence for Intramembrane Adenosine A _{2A} /Dopamine D ₂ and Adenosine A ₁ /Dopamine D ₁ Receptor Interactions in the Basal Ganglia," <i>Brain Res Rev.</i> , 1998, Volume 26, pp. 258-273. | |
| | C48 | GATCH, M. et al., "The Effects of Adenosine Ligands R-PIA and CPT on Ethanol Withdrawal," <i>Alcohol</i> , 1999, Volume 19, No. 1, pp. 9-14. | |
| | C49 | GATTO, G.J. et al., "Ethanol Self Infusion into the Ventral Tegmental Area by Alcohol Preferring Rats," <i>Alcohol</i> , 1994, Volume 11, No. 6, pp. 557-564. | |
| | C50 | GAYER, G. et al., "Ethanol Increases Tyrosine Hydroxylase Gene Expression in N1E-115 Neuroblastoma Cells," <i>J. of Bio. Chem.</i> , November 1991, Volume 266, No. 33, pp. 22279-22284. | |
| | C51 | GEORGE, S. et al., "Low endogenous Dopamine Function in Brain Predisposes to High Alcohol Preference and Consumption: Reversal by Increasing Synaptic Dopamine," <i>J Pharmacol Exp Ther.</i> , 1995, Volume 273, No. 1, pp. 373-379. | |
| | C52 | GERSTIN, E. et al., "Protein Kinase C Isozymes Required for Up-regulation of L-type Calcium Channels by Ethanol," <i>Supp. Alcoholism: Clinical and Experimental Research</i> , April 1996, Volume 20, No. 2, pp. 102A. | |

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| | C53 | GERSTIN, E. et al., "Protein Kinase C δ Mediates Ethanol-induced Up-regulation of L-type Calcium channels," <i>Journal of Biological Chem.</i> , June 26, 1998, Volume 273, No. 26, pp. 16409-16414. | |
| | C54 | GOLDSMITH, S. et al., "Dopamine D2 Receptor Expression in Hippocampus and parahippocampal Cortex of Rat, Cat, and Human in Relation to Tyrosine Hydroxylase-Immunoreactive Fibers" <i>Hippocampus</i> , June 1994, Volume 4, No. 3, pp. 354-373. | |
| | C55 | GORDON, A. et al., "Ethanol Alters the Subcellular Localization of δ - and ϵ Protein Kinase C in NG108-15 Cells," <i>Molecular Pharmacology</i> , Volume 52, pp. 554-559, 1997 | |
| | C56 | GORDON, A. et al., "Phosphorylation of the Nicotinic Acetylcholine Receptor," <i>Prog in Brain Res</i> , 1986, Volume 69, pp. 141-148. | |
| | C57 | GREEN, T. et al., "Dopaminergic Mechanisms for Caffeine-Produced cocaine Seeking in Rats," <i>Neuropsychopharmacol</i> , 2002, Volume 26, No. 4, pp. 422-430. | |
| | C58 | HAMM, H., "The Many Faces of G Protein Signaling," <i>Journal of Biological Chemistry</i> , January 9, 1998, Volume 273, No. 2, pp. 669-672. | |
| | C59 | HANDA, M. et al., "Cloning of a Novel Isoform of the Mouse NBMPR-Sensitive Equilibrative Nucleoside Transporter (ENT1) Lacking a Putative Phosphorylation Site," <i>Gene</i> , 2001, Volume 262, pp. 301-307. | |
| | C60 | HASIN, D. et al., "Difficulties with Questions on Usual Drinking and the Measurement of Alcohol Consumption," <i>Alcoholism: Clinical and Experimental Research</i> , May 1998, Volume 22, No. 3, pp. 580-584. | |
| | C61 | HEBERLEIN, U. et al., "Star is Required for Neuronal Differentiation in the <i>Drosophila</i> Retina and Displays Dosage-Sensitive Interactions with Ras1," <i>Developmental Biology</i> , November 1993, Volume 160, pp. 51-63. | |
| | C62 | HODGE, C. et al., "The Discriminative Stimulus Effects of Ethanol are Mediated by NMDA and GABA α Receptors in Specific Limbic Brain Regions," <i>Psychopharmacology</i> , 1998, Volume 681, pp. 681/1-681/13. | |
| | C63 | HONKANEN, A. et al., Alcohol Drinking Is Reduced by a μ 1- But Not by a delta-opioid Receptor Antagonist in Alcohol-preferring Rats, <i>Eur. J. Pharmacol.</i> , 1996, Volume 304, pp. 7-13 | |
| | C64 | HUNDLE, B. et al., "An ϵ -PKC-derived Peptide Fragment Prevents Enhancement of NGF-induced Neurite Outgrowth by Phorbol Esters or Ethanol," <i>9th International Conference on Second Messengers and Phosphoproteins</i> , October 27 – November 1, 1995, p. 151. | |
| | C65 | HUNDLE, B. et al., "An Inhibitory Fragment Derived from Protein Kinase C ϵ Prevents Enhancement of Nerve Growth Factor Responses by Ethanol and Phorbol Esters," <i>Jour. Of Bio. Chem.</i> , June 6 1997, Volume 272, No. 23, pp. 15028-15035. | |
| | C66 | HUNDLE, B. et al., "Overexpression of ϵ -Protein Kinase C Enhances Nerve Growth Factor-induced Phosphorylation of Mitogen-activated Protein Kinases and Neurite Outgrowth," <i>J. of Bio. Chem.</i> , December 15, 1995, Volume 270, No. 50, pp. 30134-30140. | |
| | C67 | INGLESE, J. et al., "Functionally Active Targeting Domain of the Beta-Adrenergic Receptor Kinase: An | |

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| | | Inhibitor of G beta Gamma-mediated Stimulation of Type II Adenylyl Cyclase," <i>Proceedings of the National Academy of Science, U.S.A.</i> , April 1994, Volume 91, pp. 3637-3641. | |
| | C68 | ISRAEL, Y. et al., "Acetate-Mediated Effects of Ethanol," <i>Alcohol Clin Exp Res</i> , 1994, Volume 18, No. 1, pp. 144-148. | |
| | C69 | JACOBSON, K. et al., "8-(3-Chlorostyryl)Caffeine (CSC) is a Selective A ₂ -Adenosine Antagonist In Vitro and In Vivo," <i>FEBS</i> 12487, 1993, Volume 323, Nos. 1 and 2, pp. 141-144. | |
| | C70 | JARVIS, M. et al., "Direct Autoradiographic Localization of Adenosine A ₂ Receptors in the Rat Brain Using the A ₂ - Selective Agonist [³ H] CGS21680," <i>Eur J Pharmacol</i> , 1989, Volume 168, pp. 243-246. | |
| | C71 | JARVIS, M. et al., "Single and Repeated Episodes of Ethanol Withdrawal Increase Adenosine A ₁ , but not A _{2A} , Receptor Density in Mouse Brain," <i>Brain Res</i> , 1998, Volume 786, pp. 80-88. | |
| | C72 | KAPLAN, G. et al., "Adenosine Receptor Agonists Attenuate and Adenosine Receptor Antagonists Exacerbate Opiate Withdrawal Signs," <i>Psychopharmacology (Berl.)</i> , January 1996, Volume 123, No. 1, pp. 64-70. | |
| | C73 | KAPLAN, G. et al., "Role of Adenosine A ₁ and A _{2A} Receptors in the Alcohol Withdrawal Syndrome," <i>Alcohol</i> , 1999, Volume 19, No. 2, pp. 157-162. | |
| | C74 | KITSON, T. et al. "Drugs Which Interfere with Alcohol Metabolism," <i>New Zealand Medical Journal</i> , 1997, Volume 86, No. 593, pp. 135-137 | |
| | C75 | KOCH, W. et al., "Cellular Expression of the Carboxyl terminus of a G Protein-coupled Receptor Kinase Attenuates G $\beta\gamma$ -mediated Signaling," <i>Journal of Biological Chemistry</i> , February 25, 1994, Volume 269, No. 8, pp. 6193-6197. | |
| | C76 | KOOB, G. et al., "Neutral Substrates for Cocaine and Opiate Reinforcement," <i>Cocaine: Clinical and Biobehavioral Aspects</i> , 1987, pp. 80-108, Fisher, S., Raskin, A., Uhlenhuth E.H. eds., Oxford University Press, Inc., New York. | |
| | C77 | KRAUSS, S. et al., "Inhibition of Adenosine Uptake by Ethanol is Specific for One Class of Nucleoside Transporters," <i>Mol Pharmacol</i> , 1993, Volume 44, No. 5, pp. 1021-1026. | |
| | C78 | LANE-LADD, S. et al., "CREB(cAMP Response Element-Binding Protein) in the Locus Coeruleus: Biochemical, Physiological, and Behavioral Evidence for a Role in Opiate Dependence," <i>The Journal of Neuroscience</i> , 1997, Volume 17, No. 20, pp. 7890-7901. | |
| | C79 | LEDENT, C. et al., "Aggressiveness, Hypoalgesia and High Blood Pressure in Mice Lacking the Adenosine A _{2A} Receptor," <i>Nature</i> , 1997, Volume 338, pp. 674-678. | |
| | C80 | MALEC, D. et al., "Influence of Adenosinergic Drugs on Ethanol Withdrawal Syndrome in Rats," <i>Pol J Pharmacol</i> , 1996, Volume 48, pp. 583-588. | |
| | C81 | MATHEW, R. et al., "Craving for Alcohol in Sober Alcoholics," <i>Am J. Psychiatry</i> , April 1979, Volume 136, No. | |

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|--------------------|-----------------------|---|----------------|
| | | 4B, pp. 603-606. | |
| | C82 | MESSING, R. et al., "Chronic Ethanol Exposure Increases Levels of Protein Kinase C δ and ϵ and Protein Kinase C-mediated Phosphorylation in Cultured Neural Cells," <i>Jour. of Bio. Chem.</i> , December 5, 1991, Volume 266, No. 34, pp. 23428-23432. | |
| | C83 | MESSING, R. et al., "Protein Kinase C Participates in Up-Regulation of Dihydropyridine-Sensitive Calcium Channels by Ethanol" <i>Journal of Neurochemistry</i> , October 1990, Volume 55, No. 4, pp. 1383-1389. | |
| | C84 | MILES, M. et al., "Mechanisms of Neuronal Adaptation to Ethanol," <i>Jour. of Bio. Chem.</i> , February 5, 1991, Volume 266, No. 4, pp. 2409-2414. | |
| | C85 | MILES et al., "Phosducin-like Protein: An Ethanol-responsive Potential Modulator of Guanine Nucleotide-binding Protein Function," <i>Proc. Natl. Acad. Sci. USA</i> , November 1993, Volume 90, pp. 10831-10835. | |
| | C86 | MISERENDINO, M. et al., "Behavioral Sensitization to Cocaine: Modulation by the Cyclic AMP System in the Nucleus Accumbens," <i>Brain Research</i> , 1995, Volume 674, pp. 299-306. | |
| | C87 | MOCHLY-ROSEN et al., "Anchoring Proteins for Protein Kinase C: a Means for Isozyme Selectivity," <i>The FASEB Journal</i> , 1998, Volume 12, No. 1, pp. 35-42 | |
| | C88 | MOCHLY-ROSEN, D. et al., "Chronic Ethanol Causes Heterologous Desensitization of Receptors by Reducing α s Messenger RNA," <i>Nature</i> , 1988, Volume 333, No. 6176, pp. 848-850. | |
| | C89 | MOCHLY-ROSEN, D. et al., "Identification of Intracellular Receptor Proteins for Activated Protein Kinase C," <i>Proc. Natl. Acad. Sci. USA</i> , May 1991, Volume 88, pp. 3997-4000. | |
| | C90 | MYERS, R. D. et al. "Irreversible Suppression of Alcohol Drinking in Cyanamide-Treated Rats After Sustained Delivery of the 5-HT ₂ Antagonist Amperozide," <i>Alcohol</i> , 1993, Volume 10, No. 2, pp. 117-125. | |
| | C91 | MYERS, R.D. et al., "Suppression of Alcohol Preference in High Alcohol-Drinking Rats--Efficacy of Amperozide versus Naltrexone," <i>Neuropsychopharmacology</i> , 1996, Volume 14, No. 2, pp. 139-149. | |
| | C92 | NAASSILA, M. et al., "Low Ethanol Sensitivity and Increased Ethanol Consumption in Mice Lacking Adenosine A _{2A} Receptors," <i>J Neurosci</i> , 2002, Volume 22, No. 23, pp. 10487-10493. | |
| | C93 | NAGY, L. et al., "cAMP-Dependent Protein Kinase Regulates Inhibition of Adenosine Transport by Ethanol," <i>Molecular Pharmacology</i> , November 1991, Volume 40, No. 5, pp. 812-817. | |
| | C94 | NESTLER, E. et al., "Molecular and Cellular Basis of Addiction," 1997, <i>Science</i> , Volume 278, pp. 58-63. | |
| | C95 | NIBUYA, M. et al., "Chronic Antidepressant Administration Increases the Expression of cAMP Response Element Binding Protein (CREB) in Rat Hippocampus," <i>The Journal of Neuroscience</i> , 1996, Volume 16, No. 7, pp. 2365-2372. | |
| | C96 | NIKODIJEVIC, O., et al., "Behavioral Effects of A ₁ - and A ₂ - Selective Adenosine Agonists and Antagonists: Evidence for Synergism and Antagonism," <i>J Pharmacol Exp Ther</i> , 1991, Volume 259, pp. 286-294. | |
| | C97 | O'KANE, E. et al., "Interaction Between Adenosine A ₁ and A ₂ Receptor-Mediated Responses in the Rat | |

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|--------------------|-----------------------|--|----------------|
| | | Hippocampus in Vitro" <i>European Journal of Pharmacology</i> , 1998, Volume 362, pp. 17-25. | |
| | C98 | ONGINI, E. et al., "Selective Adenosine A _{2a} Receptor Antagonist," <i>IL Farmaco</i> , 2001, 1988, Volume 56, pp. 87-90. | |
| | C99 | ORREGO, H. et al., "Ethanol-Induced Increase in Portal Blood Flow: Role of Adenosine," <i>American Physiol Soc.</i> 1998b, pp. G495-G501. | |
| | C100 | ORREGO, H. et al., "New Insights on the Mechanism of the Alcohol-induced Increase in Portal Blood Flow," <i>Canadian Journal of Physiology and Pharmacology</i> , 1988, Volume 66, No. 1, pp. 1-9. | |
| | C101 | ORTIZ, J. et al., "Biochemical Actions of Chronic Ethanol Exposure in the Mesolimbic Dopamine System," <i>Synapse</i> , 1995, Volume 21, pp. 289-298. | |
| | C102 | ORTIZ, J. et al., "Extracellular Signal-Regulated Protein Kinases (ERKs) and ERK Kinase (MEK) in Brain: Regional Distribution and Regulation by Chronic Morphine," <i>The Journal of Neuroscience</i> , February 1995, Volume 15, No. 2, pp. 1285-1297. | |
| | C103 | PCT International Search Report and Written Opinion, PCT Application No. PCT/US2005/020992, April 20, 2007, six pages. | |
| | C104 | PIOMELLI, D. et al., "Dopamine Activation of the Arachidonic Acid Cascade as a Basis for D ₁ D ₂ Receptor Synergism," <i>Nature</i> , 1991, Volume 353, pp. 164-167. | |
| | C105 | POLICH, J., "Epidemiology of Alcohol Abuse in Military and Civilian Populations," <i>Am. J. Public Health</i> , 1981, Volume 71, No. 10, pp. 1125-1132. | |
| | C106 | ROIVAINEN, R. et al., "Ethanol Enhances Growth Factor Activation of Mitogen-Activated Protein Kinases by a Protein Kinase C-dependent Mechanism," <i>Proc. Natl. Acad. Sci. USA</i> , March 1995, Volume 92, pp. 1891-1895. | |
| | C107 | ROIVAINEN, R. et al., "Protein Kinase C and Adaptation to Ethanol," <i>Toward a Molecular Basis of Alcohol Use and Abuse</i> , 1994, pp. 29-38. | |
| | C108 | ROIVAINEN, R. et al., "Protein Kinase C Isozymes that Mediate Enhancement of Neurite Outgrowth by Ethanol and Phorbol Esters in PC12 Cells," <i>Brain Research</i> , October 8, 1993, Volume 624, pp. 85-93. | |
| | C109 | ROIVAINEN, R. et al., "The Phorbol Derivatives Thymeleatoxin and 12-deoxyphorbol-13-O-phenylacetate-10-acetate Cause Translocation and Down-Regulation of Multiple Protein Kinase C Isozymes," <i>Fed. of European Biochem. Societies</i> , March 1993, Volume 319, No. 1, 2, pp. 31-34. | |
| | C110 | RON, D. et al., "Agonists and Antagonists of Protein Kinase C Function, Derived from Its Binding Proteins," <i>Jour. of Bio. Chem.</i> , August 26, 1994, Volume 269, No. 34, pp. 21395-23398. | |
| | C111 | RON, D. et al., "An Autoregulatory Region in Protein Kinase C: The Pseudoanchoring site," <i>Proc. Natl. Acad. Sci. USA</i> , January 1995, Volume 42, pp. 492-496. | |
| | C112 | RON, D. et al., "C2 Region-derived Peptides Inhibit Translocation and Function of β Protein Kinase C in | |

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|--------------------|-----------------------|---|----------------|
| | | Vivo," <i>Jour. of Bio. Chem.</i> , October 13, 1995, Volume 270, No. 41, pp. 24180-24187. | |
| | C113 | RON, D. et al., "Cloning of an Intracellular Receptor for Protein Kinase C: A Homolog of the β Subunit of G-proteins," <i>Proc. Natl. Acad. Sci. USA</i> , February 1994, Volume 91, pp. 839-843. | |
| | C114 | RUIZ-GOMEZ, A. et al., " β -Adrenergic Receptor Kinase (GRK2) Colocalizes with β -Adrenergic Receptors during Agonist-induced Receptor," <i>Journal of Biological Chemistry</i> , April 11, 1997, Volume 272, No. 15, pp. 9601-9604. | |
| | C115 | SAMSON, H. et al., "Effect of Dopamine Agonists and Antagonists on Ethanol-Reinforced Behavior; The Involvement of the Nucleus Accumbens," <i>Brain Research Bulletin</i> , 1993, Volume 30, pp. 133-141. | |
| | C116 | SAMSON, H., "Initiation of Ethanol Reinforcement Using a Sucrose-substitution Procedure in Food-and Water-Sated Rats," <i>Alcoholism: Clinical and Experimental Research</i> , Volume 10, No. 4, pp. 436-442. | |
| | C117 | SEALE, T. et al., "3,7-Dimethyl-1-Propargylxanthine: A Potent and Selective In Vivo Antagonist of Adenosine Analogs," <i>Life Sciences</i> , 1988, Volume 43, pp. 1671-1684. | |
| | C118 | SEBASTIAO, A.M. et al., "Adenosine A ₂ Receptor—Mediated Excitatory Actions on the Nervous System," <i>Prog. Neurobiol.</i> , 1992, Volume 48, pp. 167-189. | |
| | C119 | SELF, D. et al., "Involvement of cAMP-Dependent Protein Kinase in the Nucleus Accumbens in Cocaine Self-Administration and Relapse of Cocaine-Seeking Behavior," <i>The Journal of Neuroscience</i> , March 1998, Volume 18, pp. 1848-1859. | |
| | C120 | SHUKLA, S. et al., "Mitogen Activated Protein Kinase Influenced by Ethanol: Differential Sensitivity to Antagonists," <i>Alcoholism: Clinical and Experimental Research</i> , Volume 22, No. 3, May 1998, 9th Congress of the International Society of Biomedical Research on Alcoholism, June 27-July 2, 1998, p. 149A, Copenhagen, Denmark. | |
| | C121 | SOLEM, M. et al., "Protein Kinases A Regulates Inhibition of N- and P/Q-type Calcium Channels by Ethanol in PC12 Cells," <i>The Journal of Pharmacology and Experimental Therapeutics</i> , 1997, Volume 282, No. 3, pp. 1487-1495. | |
| | C122 | SVENNINGSSON, P. et al., "Antagonism of Adenosine A _{2A} Receptors Underlies the Behavioural Activating Effect of Caffeine and is Associated with Reduced Expression of Messenger RNA for NGFI-A and NGFI-B in Caudate-Putamen and Nucleus Accumbens," <i>Neuroscience</i> , 1997, Volume 79, No. 3, pp. 753-764. | |
| | C123 | SVENNINGSSON, P. et al., "Distribution of Adenosine Receptors in the Postmortem Human Brain: An Extended Autoradiographic Study," <i>Synapse</i> , 1997, Volume 27, pp. 322-335. | |
| | C124 | SVENNINGSSON, P. et al., "Distribution, Biochemistry and Function of Striatal Adenosine A _{2A} Receptors," <i>Progress in Neurobiology</i> , 1999, Volume 59, pp. 355-396. | |
| | C125 | TANG, W.-J. et al., "Type-Specific Regulation of Adenylyl Cyclase by G Protein Betagamma Subunits," <i>Science</i> , 1991, Volume 254, pp. 1500-1503. | |

| | |
|--------------------|-----------------|
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|--------------------|-----------------------|---|----------------|
| | C126 | TIVIS et al., "Anger in an Inpatient Treatment Sample of Chronic Alcoholics," <i>Alcoholism: Clinical and Experimental Research</i> , June 1998, Volume 22, No. 4, pp. 902-907. | |
| | C127 | U.S. Office Action, U.S. Patent Application No. 11/153,725, March 22, 2010, ten pages. | |
| | C128 | U.S. Office Action, U.S. Patent Application No. 09/570,001, February 11, 2003, four pages. | |
| | C129 | U.S. Office Action, U.S. Patent Application No. 11/153,725, August 20, 2009, fourteen pages. | |
| | C130 | VONGHIA, L. et al., "Acute Alcohol Intoxication," <i>European Journal of Internal Medicine</i> , 2008, Volume 19 pp. 561-567. | |
| | C131 | WALITZER, K.S. et al., "Treating Problem Drinking," <i>Alcohol Res & Health</i> , 1999; Volume 23, No. 2, pp. 138-143. | |
| | C132 | WATSON, C. et al., "Comparative Concurrent Validities of Five Alcoholism Measures in a Psychiatric Hospital" <i>Journal of Clinical Psychology</i> , September 1995, Volume 51, No. 5, pp. 676-684. | |
| | C133 | WEISS, F. et al. "Behavioral Neurobiology of Alcohol Addiction: Recent Advancers and Challenges." <i>J Neurosci</i> , 2002, Volume 22, No. 9, pp. 3332-3337. | |
| | C134 | WEISS, F. et al., "Ethanol Self-Administration Restores Withdrawal-Associated Deficiencies in Accumbal Dopamine and 5-Hydroxytryptamine Release in Dependent Rats," <i>J Neurosci</i> , 1996, Volume 16, No. 10, pp. 3474-3485. | |
| | C135 | WEISS, F. et al., "Free-Choice Responding for Ethanol Versus Water in Alcohol Preferring (P) and Unselected Wistar Rats is Differentially Modified by Naloxone, Bromocriptine and Methysergide," <i>Psychopharmacology (Berl)</i> , 1990, Volume 101, No. 2, pp. 178-186. | |
| | C136 | WENG, G. et al., "G β Subunit Interacts with a Peptide Encoding Region 956-982 of Adenylyl Cyclase 2," <i>Journal of Biological Chemistry</i> , October 25, 1996, Volume 271, No. 43, pp. 26445-26448. | |
| | C137 | WIDNELL, K. et al., "Regulation of CREB Expression: In Vivo Evidence for a Functional Role in Morphine Action in the Nucleus Accumbens," <i>The Journal of Pharmacology and Experimental Therapeutics</i> , 1996, Volume 276, No. 1, pp. 306-315. | |
| | C138 | WILKE, N. et al., "Effects of Alcohol on Gene Expression in Neural Cells," <i>Toward a Molecular Basis of Alcohol and Abuse</i> , 1994, pp. 49-59. | |
| | C139 | YAN, S.-Z. et al., "Conversion of Forskolin-Insensitive to Forskolin-Sensitive (Mouse-Type IX) Adenylyl Cyclase," <i>Molecular Pharmacology</i> , 1998, Volume 53, pp. 182-187. | |
| | C140 | YANG et al., "Chronic Ethanol Administration Decreases Phosphorylation of Cyclic AMP Response Element-Binding Protein in Granule Cells of Rat Cerebellum," <i>Journal of Neurochemistry</i> , Volume 70, pp. 224-232, 1998 | |
| | C141 | YANG et al., "Chronic Ethanol Exposure Impairs Phosphorylation of CREB and CRE-Binding Activity in Rat Striatum," <i>Alcoholism: Clinical and Experimental Research</i> , Volume 22, pp. 382-390, 1998 | |

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| | C142 | YANG et al., "Ethanol Exposure Alters the Phosphorylation of Cyclic AMP Responsive Element Binding Protein and Cyclic AMP Responsive Element Binding Activity in Rat Cerebellum," The Journal of Pharmacology and Experimental Therapeutics, Volume 278, pp. 338-346, 1996 | |
| | C143 | YAO et al., 2002, "βγ Dimers Mediate Synergy of Dopamine D2 and Adenosine A2 Receptor-Stimulated PKA Signaling and Regulate Ethanol consumption," cell, Volume 109, pp. 733-743. | |
| | C144 | ZARRINDAST et al., "Effects of adenosine receptor agents on the expression of morphine withdrawal in mice," Eur. J. Neurosci., 369(1), pp. 17-22 (Mar 12, 1999). | |

27432/16428/DOCS/2299361.2

| | | | |
|--------------------|--|-----------------|--|
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